

RGP-0062
(00Q)

IN THE CLAIMS

1. (Currently amended) A foam cushion tape, comprising
a compressible polyurethane foam layer configured for flexographic printing and having a first side and an opposite second side;

a composite reinforcing film comprising an anchoring layer having a first side and an opposite second side, and a reinforcing layer having a first side and an opposite second side, wherein the first side of the anchoring layer is disposed on the first side of the reinforcing layer, and further wherein the second side of the polyurethane foam is disposed on the second side of the anchoring layer of the composite reinforcing film;

a first adhesive disposed on the first side of the compressible polyurethane foam; and

a second adhesive disposed on the second side of the reinforcing layer of the composite reinforcing film.

2. (Original) The tape of claim 1, wherein the compressible polyurethane foam has a thickness of about 5 to about 60 mils (about 125 to about 1500 micrometers).

3. (Original) The tape of claim 1, wherein the compressible polyurethane foam has a thickness of about 12 to about 17 mils (about 300 to about 425 micrometers).

4. (Original) The tape of claim 1, wherein the foam is open-celled.

5. (Original) The tape of claim 1, wherein the anchoring layer is selected from the group consisting of polyvinylidene chloride, polyurethane, copolyester, and nylon, and the reinforcing layer is selected from the group consisting of polyethylene terephthalate, polybutylene terephthalate, polyvinyl, polycarbonate, and polyetherimide.

6. (Original) The tape of claim 1, wherein the anchoring layer comprises polyvinylidene chloride and the reinforcing layer comprises polyethylene terephthalate.

RGP-0062
(00Q)

7. (Original) The tape of claim 1, wherein the composite reinforcing film is formed by co-extrusion of the anchoring layer and the reinforcing layer.
8. (Original) The tape of claim 1, wherein the reinforcing layer is acid etched.
9. (Original) The tape of claim 1, further comprising a primer layer between the first adhesive and the polyurethane foam.
10. (Original) The tape of claim 1, further comprising a release layer disposed on a side of the second adhesive layer opposite to the reinforcing layer.
11. (Original) The tape of claim 10, wherein the release layer comprises a release coating, an intermediate layer, and a liner, wherein the release coating is disposed on the second adhesive layer on a side opposite to the reinforcing layer, the intermediate layer is disposed on the release coating on a side opposite to the second adhesive layer, and the liner is disposed on the intermediate layer on a side opposite to the release coating.
12. (Original) The tape of claim 11, wherein the release coating further comprises a second intermediate layer disposed on the liner on a side opposite to the intermediate layer, and a second release coating disposed on the second intermediate layer on a side opposite to the liner.

RGP-0062
(00Q)

13. (Currently amended) A foam cushion tape, comprising
a compressible, open-celled polyurethane foam layer configured for flexographic printing and having a first side and an opposite second side, wherein the compressible polyurethane foam has a thickness of about 5 to about 60 mils (about 125 to about 1500 micrometers);
a composite reinforcing film layer configured to reinforce the compressible foam layer, and comprising an anchoring layer having a first side and an opposite second side, and a reinforcing layer having a first side and an opposite second side, wherein the first side of the anchoring layer is disposed on the first side of the reinforcing layer, and further wherein
the anchoring layer is selected from the group consisting of polyurethane, nylon, copolyester, and polyvinylidene chloride, and the reinforcing layer is selected from the group consisting of polyethylene terephthalate, polybutylene terephthalate, polyvinyl, polycarbonate, and polyetherimide, and further wherein
the second side of the polyurethane foam is disposed on the anchoring layer of the composite reinforcing film;
a first pressure sensitive adhesive disposed on the first side of the compressible polyurethane foam; and
a second pressure sensitive adhesive disposed on the second side of the reinforcing layer of the composite reinforcing film.

14. (Original) The tape of claim 13, further comprising a release layer disposed on a side of the second adhesive layer opposite to the reinforcing layer.

15. (Original) The tape of claim 14, wherein the release layer comprises a release coating, an intermediate layer, and a liner, wherein the release coating is disposed on the second adhesive layer on a side opposite to the reinforcing layer, the intermediate layer is disposed on the release coating on a side opposite to the second adhesive layer, and the liner is disposed on the intermediate layer on a side opposite to the release coating.

RGP-0062
(00Q)

16. (Original) The tape of claim 15, wherein the release coating further comprises a second intermediate layer disposed on the liner on a side opposite to the intermediate layer, and a second release coating disposed on the second intermediate layer on a side opposite to the liner.

17. (Original) A foam cushion tape, comprising
a compressible, open-celled polyurethane foam layer configured for flexographic printing and having a first side and an opposite second side, wherein the compressible polyurethane foam has a thickness of about 5 to about 60 mils;

a composite reinforcing film comprising a polyvinylidene fluoride anchoring layer having a first side and a second side, and a polyethylene terephthalate reinforcing layer having a first side and a second side wherein the first side of the anchoring layer is disposed on the first side of the reinforcing layer, and further, wherein the second side of the polyurethane foam is disposed on the first side of the anchoring layer of the composite reinforcing film;

a first pressure sensitive adhesive disposed on the first side of the compressible polyurethane foam; and

a second pressure sensitive adhesive disposed on the second side of the reinforcing layer of the composite reinforcing film.

18. (Original) The tape of claim 17, further comprising a release layer disposed on a side of the second adhesive layer opposite to the reinforcing layer, wherein the release layer comprises a release coating, an intermediate layer, and a liner, wherein the release coating is disposed on the second adhesive layer on a side opposite to the reinforcing layer, the intermediate layer is disposed on the release coating on a side opposite to the second adhesive layer, and the liner is disposed on the intermediate layer on a side opposite to the release coating.

19. (Original) The tape of claim 18, wherein the release coating further comprises a second intermediate layer disposed on the liner on a side opposite to the intermediate layer, and a second release coating disposed on the second intermediate layer on a side opposite to the liner.

20-33. (Cancelled)

RGP-0062
(00Q)

34. (Previously presented) The tape of claim 1, wherein the anchoring layer is a polyvinylidene chloride or a copolyester and the reinforcing layer is a polyethylene terephthalate or polybutylene terephthalate.

35. (Currently amended) The tape of claim 34 ~~[[20]]~~, wherein the composite reinforcing film is formed by co-extrusion of the anchoring layer and the reinforcing layer.

36. (Previously presented) The tape of claim 13, wherein the anchoring layer is a polyvinylidene chloride or a copolyester and the reinforcing layer is a polyethylene terephthalate or polybutylene terephthalate.

37. (Currently amended) The tape of claim 36 ~~[[22]]~~, wherein the composite reinforcing film is formed by co-extrusion of the anchoring layer and the reinforcing layer.